Environmental Monitoring and Assessment

Volume 139 · Numbers 1–3 · April 2008

REGULAR PAPERS

Evaluating the Applicability of Regulatory Leaching Tests for Assessing Lead Leachability in Contaminated Shooting Range Soils
X. Cao · D. Dermatas **1**

Fecal source tracking by antibiotic resistance analysis on a watershed exhibiting low resistance
Y. Olivas · B.R. Faulkner **15**

Trace metal levels and some chemical parameters in herby cheese collected from south eastern Anatolia-Turkey
A. Vural · I. Narin · M.E. Erkan · M. Soylak **27**

Mapping giant salvinia with satellite imagery and image analysis
J.H. Everitt · R.S. Fletcher · H.S. Elder · C. Yang **35**

Comparison of ALAD activities of *Citrobacter* and *Pseudomonas* strains and their usage as biomarker for Pb contamination
İ.H. Ciğerci · S.E. Korcan · M. Konuk · S. Öztürk **41**

Evaluation of levels, sources and distribution of toxic elements in PM10 in a suburban industrial region, Rio de Janeiro, Brazil
V.E. Toledo · P.B. de Almeida Júnior · S.L. Quiterio · G. Arbilla · A. Moreira · V. Escaleira · J.C. Moreira **49**

The concentrations, distribution and sources of PAHs in agricultural soils and vegetables from Shunde, Guangdong, China
Y.T. Li · F.B. Li · J.J. Chen · G.Y. Yang · H.F. Wan · T.B. Zhang · X.D. Zeng · J.M. Liu **61**

Element contents and food safety of water spinach (*Ipomoea aquatica* Forssk.) cultivated with wastewater in Hanoi, Vietnam
H. Marcussen · K. Joergensen · P.E. Holm · D. Brocca · R.W. Simmons · A. Dalsgaard **77**

Site environmental assessment to an old paint factory in China
F. Yan · J. Yan · Y. Wang · D. Chen **93**

Genotoxicity evaluation of water soil leachates by Ames test, comet assay, and preliminary *Tradescantia* micronucleus assay
B. Lah · T. Vidic · E. Glasencnik · T. Cepeljnik · G. Gorjanc · R. Marinsek-Logar **107**

The influence of suburban land use on habitat and biotic integrity of coastal Rhode Island streams
S.M. Lussier · S.N. da Silva · M. Charpentier · J.F. Heltshe · S.M. Cormier · D.J. Klemm · M. Chintala · S. Jayaraman **119**

Geochemical assessment of metal transport in glacial till during electrokinetic remediation
A.Z. Al-Hamdan · K.R. Reddy **137**

Geochemistry in the modern soil survey program
M.A. Wilson · R. Burt · S.J. Indorante · A.B. Jenkins · J.V. Chiaretti · M.G. Ulmer · J.M. Scheyer **151**

Wet weather impact on trihalomethane formation potential in tributaries to drinking water reservoirs
E. Alkhatib · R. Peters **173**

EOX concentrations in sediment in the part of the Bothnian Bay affected by effluents from the pulp and paper mills at Kemi, Northern Finland
R. Pöykiö · H. Nurmesniemi · V.-A. Kivilinna **183**

Effects of land use on phosphorus loss in the hilly area of the Loess Plateau, China
Q. Meng · B. Fu · X. Tang · H. Ren **195**

Siting analyses for water quality sampling in a catchment
J.-J. Kao · P.-H. Li · C.-L. Lin · W.-H. Hu **205**

Step-up multiple regression model to compute Chlorophyll *a* in the coastal waters off Cochin, southwest coast of India
K.K. Balachandran · K.V. Jayalakshmy · C.M. Laluraj · M. Nair · T. Joseph · P. Sheeba **217**

Sulfate exports from multiple catchments in a glaciated forested watershed in western New York, USA
S.P. Inamdar · M.J. Mitchell **227**

Artificial neural network based carbon monoxide persistence models for episodic urban air quality management
S.M.S. Nagendra · M. Khare **247**

Sediment quality triad assessment of an industrialized estuary of the northeastern USA
T.J. Iannuzzi · T.N. Armstrong · E.R. Long · J. Iannuzzi · D.F. Ludwig **257**

An assessment of the quality of various bottled mineral water marketed in Turkey
A. Baba · F.S. Ereeş · Ü. Hıçsönmez · S. Çam · H.G. Özdılek **277**

Effects of leachant temperature and pH on leachability of metals from fly ash. A case study: Can thermal power plant, province of Canakkale, Turkey
A. Baba · G. Gurdal · F. Sengunalp · O. Ozay **287**

Water quality assessment of Almatti Reservoir of Bijapur (Karnataka State, India) with special reference to zooplankton
S.B. Hulyal · B.B. Kaliwal **299**

Chemical characterization of blue stains in domestic fixtures in contact with drinking water
M.V. Letelier · G.E. Lagos · A. Reyes **307**

Status of heavy metals in agricultural soils as affected by different patterns of land use
S.-W. Huang · J-Y. Jin **317**

Fractionation of metals and As in sediments from a biosphere reserve (Odiel salt marshes) affected by acidic mine drainage
J. Morillo · J. Usero · R. Rojas **329**

Simulation and evaluation on the eco-industrial system of Changchun economic and technological development zone, China
Y. Zhao · J.-c. Shang · C. Chen · H.-n. Wu **339**

Management of hazardous road derived respirable particulates using magnetic properties of tree leaves
S.K. Prajapati · B.D. Tripathi **351**

Restoration of fly ash dump through biological interventions
A.A. Juwarkar · H.P. Jambhulkar **355**

ERRATA

Mercury Contamination of Biota from Acadia National Park, Maine: A review
M.S. Bank · J.R. Burgess · D.C. Evers · C.S. Loftin **367**

Facile and sensitive spectrophotometric determination of carbosulfan in formulations and environmental samples
K. Suresh Kumar · K. Suvardhan · D. Rekha · K. Kiran · G. Chalapathi Rao · B. Jayaraj · K. Janardhanam · P. Chiranjeevi **369**

Instructions for Authors for *Environ Monit Assess* are available at http://www.springer.com/10661.